



SUSTAINABILITY UPDATE

Los Alamos County Council
Angelica Gurule | July 8, 2025

Meeting Goals

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Provide an update on the FY25 Approved Budget Options



Provide an update on the Climate Action Plan Implementation



Provide a general updates on Sustainability Initiatives

FY25 Budget Options

FY25 Budget Options

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Completed:

- Hired Miguel Jimenez as Senior Project Manager to focus on implementing sustainability initiatives

In Progress:

- Climate Marketing and Engagement Services
- Energy Audit Services
- Fleet Conversion Plan and Community-Wide EV Charging Plan
- Expand EV Charging Infrastructure (FY25)
- Develop EV Charging Infrastructure Plan for FY26

Climate Marketing and Engagement Services

Project Purpose	1) Provide educational, marketing, and outreach services focused on greenhouse gas (GHG) reduction.
Project value	\$80,000
Current efforts	Los Alamos County issued the Request for Proposals on April 29 and received a total of 11 submissions. The evaluation committee is currently reviewing the proposals.
Project schedule	A final agreement is expected to be presented to County Council by August 2025.

Energy Audit Services

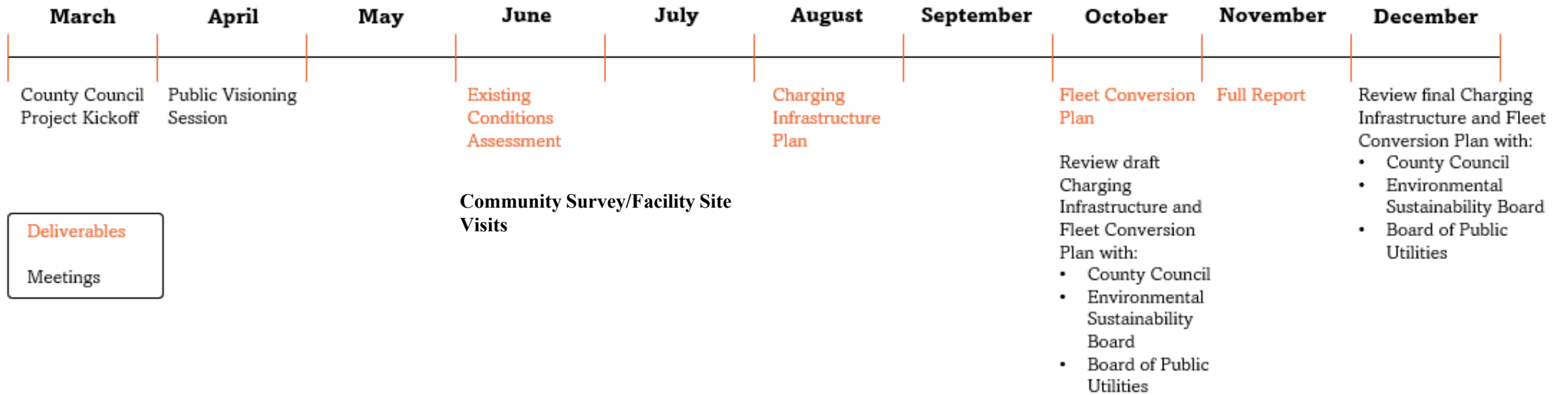
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Project Purpose	1) Provide energy audit services for 50 -100 home 2) Energy audits supports greenhouse gas (GHG) reduction by equipping homeowners with information on improving insulation and energy efficiency in their homes
Project value	\$100,000
Current efforts	Staff have started exploring potential paths forward and identifying necessary criteria, including: a) Hiring student interns who would receive training to perform energy audits; or b) Developing a Request for Proposals (RFP) to solicit qualified professional energy auditors.
Project schedule	Staff will finalize scope of work by August 2025, begin solicitation process by Sept. 2025 and select and authorize selected vendor by December 2025.

Fleet Conversion Plan and Community-Wide EV Charging Plan

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Project Timeline



Expand EV Charging Infrastructure FY25

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ATTACHMENT A

Future Considerations

1) **Construction costs have increased significantly.** When this effort began, the project budget of \$550K was estimated to support installation of 13 chargers. However, due to rising costs, the project cost to install 6 – Level 2 chargers at Municipal Building was \$730K.

2) **Grant eligibility limitations focused on Direct Current Fast Charging equipment.** Some grant opportunities are restricted to Commercial Grade Direct Current (DC) fast charging equipment (EVSE) with a minimum output of 150-kilowatt (kW) per charge port.

For ex. The County applied for 2 – DCFC to be installed at Mesa Public Library. The equipment costs alone were ~\$450K and construction and electrical equipment estimates are ~\$1M. The County only requested funding for charging equipment and will be responsible for covering all remaining project costs.

3) **Future planning should balance fleet and community needs.** As EV infrastructure expands, it will be important to support both County fleet operations and provide accessible charging options for residents and visitors.

Climate Action Plan Implementation

Transition pathway for Milwaukee



4,525 TMT

Emission reduction 2050

Amount of CO₂e reduction that can be achieved 2050 according to this pathway.



58%

Reduction contribution 2050

Percent of goal that can be achieved 2050 according to this pathway.

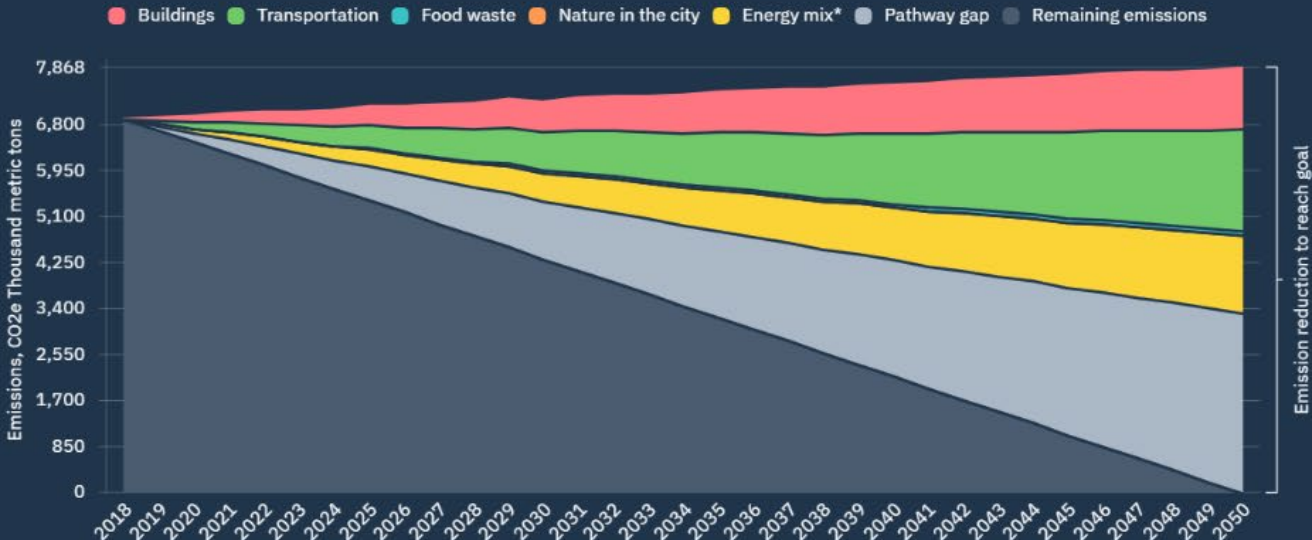


42%

Pathway gap 2050

Percent of climate goal that can not be achieved 2050 according to this pathway.

Emission reduction from our transition pathway



The graph illustrates emission reduction within each area of the pathway. The pathway gap represents the additional emissions reduction needed to reach the goal.

* The Energy mix accounts for a reduction in emissions that contributes 18% toward reaching our goal. In the diagram, part of the emission reduction (~6%) is allocated to other transition areas than the Energy mix, ensuring that reductions are not double-counted.

Explore our pathway

Buildings



Transportation



Food waste



Nature in the city



Transition to net-zero

Cities play a vital part in reducing global greenhouse emissions and making a more sustainable future. Our efforts will help meet the shared goal of avoiding the most dangerous climate change by limiting global temperature rise this century below 1.5 degrees Celsius. Our community's shared ambition is to work together and make Test one of the world's first climate ready municipalities.



Ongoing CAP Action Items

Action #	Action	Lead
BE2.2	Expand electric energy resiliency	DPU – Philo Shelton
MC1.5	Conduct recycling and composting outreach and education	PW – Armando Gabaldon
NS2.1	Promote green stormwater infrastructure and low-impact development	CDD/PW – Eric Ulibarri and new CDD Director
CR1.2	Invest in public climate education campaigns	CMO- Angelica Gurule
CR1.3	Support the local food system	CMO – Angelica Gurule

CAP Year 1 & 2 Implementation Plan

Action #	Action	Lead
BE1.3	Encourage community energy efficiency and electrification retrofits	DPU – Abbey Hayward
BE1.4	Adopt green building standards	CDD – Danyelle Valdez
T1.1	Promote Electric Vehicle Adoption	CMO
T1.2	Develop Electric Vehicle infrastructure plan	CMO/PW – Angelica Gurule and Pete Mondragon
T2.1	Expand mixed-use, transit-oriented development policies	CDD/PW – Danyelle Valdez
T2.6	Develop a Commuter Trip Reduction program	CMO – Angelica Gurule
CR1.1	Conduct a Vulnerability Assessment	CMO/PD – Angelica Gurule and Cody Ulrich
CC2.4	Expand community partnerships	CMO – Angelica Gurule

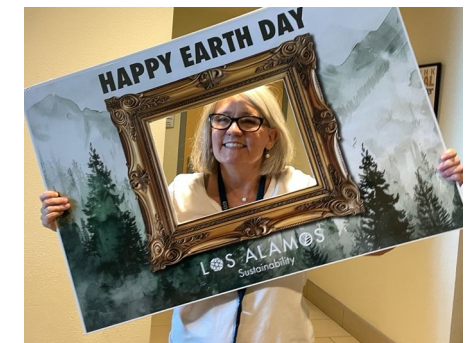
Sustainability Initiatives...

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- Established local and state-wide Sustainability Network
- Developed outreach materials for community events
- ESB has created a Plastic Bag Fee Research Working Group
- The Climate Action Plan action items for year 1-2 have been integrated into the County's Achieve It dashboard to track progress.
 - Staff are currently developing metrics to measure progress
- Developed a Climate Action Plan Implementation Team comprised of County Staff

Community Engagement

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ATTACHMENT A

Plastic Bag Research

Purpose:

- 1) Evaluate single use plastic bags to include factors such as ability to recycle and other alternatives and cost to County to recycle and engagement to include local businesses and other interested parties.

Current Efforts:

- 1) Environmental Sustainability Board formed a working group consisting of board members Shannon Blair, Rebecca Paley-Williams and Hermann Geppert-Kleinrath.
- 2) The working group has been working for the past few months on this initiative and has met with Santa Fe County, City of Santa Fe, and City of Las Cruces to understand better understand their programs.
- 3) The working group is wrapping up research and will provide an update to ESB at the July 2025 meeting before presenting their final research to Council.

Thank you! Questions?

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